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IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): An optical pickup device, comprising;

a lead frame package having a sub-mount, a laser source mounted on said sub-mount to

emit a laser beam, a reflective element to reflect reflecting said beam onto a first path directly

toward a transmission-type refraction grating, the [[a]] transmission-type refraction grating is for

dividing to divide said beam into a plurality of beams including a main beam and two sub beams,

which are incident to an optical medium, and a hologram optical element to diffract the beams

reflected from an optical medium onto a second path, said lead frame package having an opening;

and

a detecting unit having a substrate and a photo detector mounted on said substrate,

wherein said substrate is located external to said lead frame package and said photo detector

positioned in the second path to directly receive diffracted beams from the hologram optical

element.

Claim 2 (Currently Amended): The device of claim 1, wherein said detecting unit is

disposed at said opening of said lead frame package, said detecting unit fixed to said lead frame

package after being moved to a position to receive said beams diffracted from said hologram

optical element.

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Claim 3 (Previously Presented): The device of claim 1, wherein said detecting unit is a chip-on-board photo diode package.

Claim 4 (Previously Presented): The device of claim 1, wherein said detecting unit is a flip-chip package.

Claim 5 (Previously Presented): The device of claim 1, wherein said reflective element is a mirror.

Claim 6 (Currently Amended): An optical pickup device, comprising:

a lead frame package having a sub-mount, a light source mounted on said sub-mount and emitting a laser beam, a transmission-type diffraction grating element dividing said beam into a main and two sub beams, which are incident to an optical medium, and a hologram optical element diffracting said beams reflected from said optical medium onto a diffraction path, said lead frame package having an opening; and

a detecting unit having a substrate and a photo detector mounted on said substrate, wherein said substrate is located external to said lead frame package and said photo detector is positioned in the diffraction path such that the photo detector directly receives diffracted beams from the hologram optical element.

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Claim 7 (Currently Amended): The device of claim 6, wherein said detecting unit is disposed at said opening of said lead frame package, said detecting unit is fixed to said lead frame package.

Claim 8 (Previously Presented): The device of claim 6, wherein said detecting unit is a chip-on-board photo diode package.

Claim 9 (Previously Presented): The device of claim 6, wherein said detecting unit is a flip-chip package.

Claim 10 (Currently Amended): An optical pickup device, comprising:

a lead frame package having a sub-mount, a light source mounted on the sub-mount to emit a laser beam, a <u>reflective</u> reflecting element to direct said beam onto an optical medium, and a hologram optical element to diffract said beam reflected from said optical medium <u>onto a</u> diffraction path, said lead frame package having an opening; and

a detecting unit having a substrate and a photo detector mounted on said substrate, wherein said substrate located external to said lead frame package and said photo detector poitioned in the diffraction path to directly receive diffracted beams from the hologram optical element.

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Claim 11 (Previously Presented): The device of claim 10, wherein said detecting unit is

disposed at said opening of said lead frame package, said detecting unit fixed to said lead frame

package.

Claim 12 (Previously Presented); The device of claim 10, wherein said reflective element

is a reflection-type diffraction grating element dividing said beam emitted from said light source

into a plurality of beams including main and two sub beams reflected toward said optical medium.

Claim 13 (Previously Presented); The device of claim 10, wherein said detecting unit is a

chip-on-board photo diode package.

Claim 14 (Previously Presented); The device of claim 10, wherein said detecting unit is a

flip-chip package.

Claim 15 (Previously Presented): The device of claim 10, wherein said reflective element

is a mirror.

Claim 16 (Currently Amended): An optical pickup device, comprising:

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a lead frame package having a sub-mount, a light source mounted on said sub-mount and

emitting a laser beam which is incident to and reflected from an optical medium, and a hologram

optical element diffracting said beams reflected from said and optical medium onto a diffraction

path, said lead frame package having an opening; and

a detecting unit having a substrate and a photo detector mounted on said substrate,

wherein said substrate located external to said lead frame package and said photo detector is

positioned in the diffraction path such that the photo detector directly receives diffracted beams

from the hologram optical element.

Claim 17 (Currently Amended): The device of claim 16, wherein said detecting unit

disposed at said opening of said lead frame package, said detecting unit fixed to said lead frame

package after being moved to a position at said opening to receive said beams diffracted from said

hologram optical element.

Claim 18 (Previously Presented): The device of claim 16, wherein said detecting unit is a

chip-on-board photo diode package.

Claim 19 (Previously Presented): The device of claim 16, wherein said detecting unit is a

flip-chip package.

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Claim 20 (Cancelled).

Claim 21 (Currently Amended): A process for manufacturing an optical pickup device, comprising the steps of:

providing a lead frame package having a sub-mount, a light source mounted said sub-mount and emitting a laser beam which is incident to and reflected from an optical medium, and a hologram optical element diffracting said beams reflected from said optical medium onto a diffraction path, said-lead frame package having an;

providing a detecting unit having a substrate and a photo detector mounted on said substrate, said substrate <u>is</u> located external to said lead frame package;

locating said detecting unit at said opening of said lead frame package;

moving said detecting unit with respect to said lead frame package into the diffraction path such that the photo detector directly receives diffracted beams from the hologram optical element; and

fixing said detecting unit to said lead frame package.

Claim 22 (Previously Presented): The process of claim 21, further comprising the steps of:

monitoring a signal obtained by said photo detector during movement of said detecting unit with respect to said lead frame package; and

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fixing said detecting unit to said lead frame package when said signal is in a predetermined range.

Claim 23 (Previously Presented): The device of claim 10, wherein said reflective element is a reflection-type diffraction grating element that is mounted within the lead frame package.